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<p>(21) International Application Number: PCT/US92/07606 (22) International Filing Date: 9 September 1992 (09.09.92) (30) Priority data: 07/797,833 26 November 1991 (26.11.91) US (71) Applicant: CATERPILLAR INC. [US/US]; 100 Northeast Adams Street, Peoria, IL 61629-6940 (US). (72) Inventors: TAFT, Morris, E. ; 326 Pinecrest Rt. 4, Metamora, IL 61548 (US). ANDERTON, Peter, W. ; 3905 N. Keeland Avenue, Peoria, IL 61614 (US). MAGUIRE, Roy, L. ; 17610 N. Mongold Rd., Edelstein, IL 61526 (US).</p>		<p>(74) Agents: PENCE, O., Gordon et al.; 100 N.E. Adams St., Peoria, IL 61629-6490 (US). (81) Designated States: AU, BR, CA, JP. Published With international search report.</p>
<p>(54) Title: <b>ENDLESS TRACK CHAIN FOR TRACK-TYPE VEHICLES</b></p> <div data-bbox="477 1077 1203 1493"> </div> <p>(57) Abstract</p> <p>An endless track chain (10) with a rotatable bushing (50) is disclosed that utilizes sleeve bearings (54) for rotatably mounting the inboard end collars (17) of the links (16) about the pin (41). The joint (14) of the track chain (10) is sealed and lubricated. Sealing means (66) for the joint (14) incorporates the use of a second set of seals (67) for sealing between the rotatable bushing (50) and the inboard end collars (17) of the link (16). A unique design for the links (16) enables the chain (10) to accommodate the second set of seals (67) without any loss of structural integrity in the chain (10) or any disadvantageous increase in rail gauge width ("G") of the chain (10). The track chain (10) also utilizes means (45) for mechanically interlocking the outboard end collars (18) of the links (16) to the end portions (42) of the pin (41) to eliminate joint end play.</p>		